

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Applicant: Nassiopoulou et al. )  
Serial No.: 10/502,465 )  
Confirmation: 3973 )  
Filed: July 23, 2004 )  
Title: Low Power Silicon Thermal )  
Sensors and Microfluidic )  
Devices Based on the Use of )  
Porous Sealed Air Cavity )  
Technology or Microchannel )  
Technology )  
Group Art Unit: 2884 )  
Examiner: Rosenberger, Frederick F. )  
Attorney Docket No.: 30848/40323 )

**AMENDMENT "B"**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the final official action dated February 9, 2006, please amend the above-identified patent application as set forth herein.

Amendments to the claims begin on page **2** of this paper.

Amendments to the specification begin on page **6** of this paper.

Remarks begin on page **7** of this paper.